



PATENT ABSTRACTS OF JAPAN

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E05F 5/02(21) Application number: **11320217**(22) Date of filing: **10.11.99**(71) Applicant: **SDM:KK**(72) Inventor: **AOKI SHINICHI****(54) DOOR CUSHION****(57) Abstract:**

PROBLEM TO BE SOLVED: To provide a door cushion capable of preventing abrupt closing of a door by effectively utilizing the compression of pneumatic pressure in a cylinder without necessitating such precision machining that allows an inner cylinder to be inserted into an outer cylinder tightly.

SOLUTION: This door cushion is constituted in such a way that an inner cylinder 9 is inserted into an outer cylinder 1 provided with a small hole 3 on a bottom wall 2 so as to advance and come out freely, one end of the inner cylinder 9 is in the outer cylinder 1 and the other end thereof protrudes from the outer cylinder 1, a packing 11 which is pressed against and comes into contact with inner periphery of the outer cylinder 1 is provided in an end part of the inner cylinder 9 in the outer cylinder 1, a cushion material 15 is provided in an end part of the inner cylinder 9 protruding from the outer cylinder 1, and a spring 10 energizing in the

direction in which the inner cylinder 9 protrudes is provided in the outer cylinder 1.

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